Contents of Volume 12

Page

Behncke, H.: A Remark on C^*-Algebras 142

Choquet-Bruhat, Y.: Construction de solutions radiatives approchées des equations d'Einstein 16

Combes, J. M.: Relatively Compact Interactions in Many Particle Systems 283

Dollard, J. D.: Scattering into Cones I: Potential Scattering 193

Dyson, F. J.: Existence of a Phase-Transition in a One-Dimensional Ising Ferromagnet 91

Dyson, F. J.: Non-Existence of Spontaneous Magnetization in a One-Dimensional Ising Ferromagnet 212

Ellis, G. F. R. and M. A. H. MacCallum: A Class of Homogeneous Cosmological Models 108

Flato, M., and D. Sternheimer: Poincaré Partially Integrable Local Representations and Mass-Spectrum 296

Gallavotti, G., and S. Miracle-Sole: On the Cluster Property Above the Critical Temperature in Lattice Gases 269

Gudder, S.: On the Quantum Logic Approach to Quantum Mechanics 1

Hai, N. X.: Harmonic Analysis on the Poincaré Group. I. Generalized Matrix Elements 331

Hegerfeldt, G. C., and O. Melsheimer: The Form of Representations of the Canonical Commutation Relations for Bose Fields and Connection with Finitely Many Degrees of Freedom. 304

Höegh-Krohn, R.: Boson Fields Under a General Class of Cut-Off Interactions 216

Jadczyk, A. Z.: On the Spectrum of Internal Symmetries in the Algebraic Quantum Field Theory 58

Kastler, D., J. C. T. Pool, and E. Thue Poulsen: Quasi-Unitary Algebras Attached to Temperature States in Statistical Mechanics. A Comment on the Work of Haag, Hugenholtz and Winnink 175

Knops, H. J. F.: Properties of Crystal States 36

Lévy-Leblond, J.-M.: Group-Theoretical Foundations of Classical Mechanics: The Lagrangian Gauge Problem 64

Lichnerowicz, A.: Ondes de choc et hypothèses de compressibilité en magnétohydrodynamique relativiste 145

Łopuszański, J. T.: Symmetries Induced by Conserved Vector Currents in the Theory of a Scalar Field 80

MacCallum, M. A. H., s. G. F. R. Ellis 108

Majerník, V.: The Significance of the Entropic Linkage in the Theory of Measurements 233

Manuceau, J., F. Rocca and D. Testard: On the Product Form of Quasi-Free States 43

Massa, E.: On the Mathematical Structure of Einstein's Equations in Mixed Initial and Boundary Value Problems 246

Melsheimer, O., s. G. C. Hegerfeldt 304
Miracle-Sole, S., s. G. Gallavotti 269
Perjés, Z.: 3-Dimensional "Relativity" for Axisymmetric Stationary Space-Times 275
Pohlmeyer, K.: The Jost-Schroer Theorem for Zero-Mass Fields 204
Pool, J. C. T., s. D. Kastler and E. Thue Poulsen 175
Poulsen, E. Thue., s. D. Kastler and J. C. T. Pool 175
Rinke, M.: A Remark on Asymptotic Completeness of Local Fields 324
Rocca, F., s. J. Manuceau and D. Testard 43
Saraswati, D. K., and J. G. Valatin: An Analytic Representation of Quantum Field Theory 253
Sternheimer, D., s. M. Flato 296
Streater, R. F.: A Continuum Analogue of the Lattice Gas 226
Testard, D., s. J. Manuceau and F. Rocca 43
Valatin, J. G., s. D. K. Saraswati 253

04
69

75
04
75
75
24
43

53
06
26
43
53